Select Current Age, **Emprical Distribution** Fishing Start Age based on Connelly 1991 (joint probability Angler Survey distribution) Probability of Moving out of Region based on Current Age Select Exposure Duration Minimum of these (years) Probability of Quitting Fishing Body Weight varies with Select Body Weight time but individual Percentile for remains at the same Select percentile of distribution Individual i = 1over time to 10,000 Anglers **Empirical Ingestion** Select Fish Ingestion Rate Percentile for Rates based on Connelly Individual 1991 Angler Survey

Assign PCB

Concentration in

Fish by Species

and Year

Time = 1

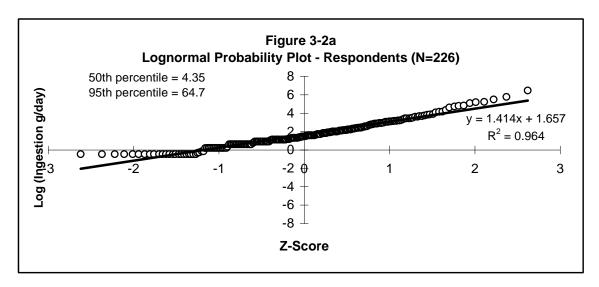
Exposure

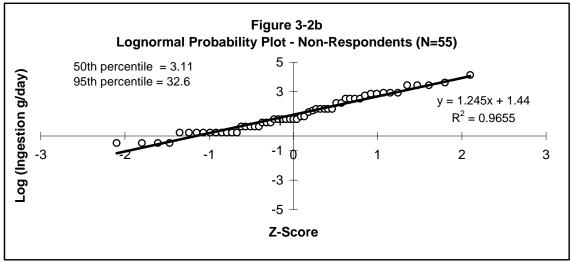
Duration

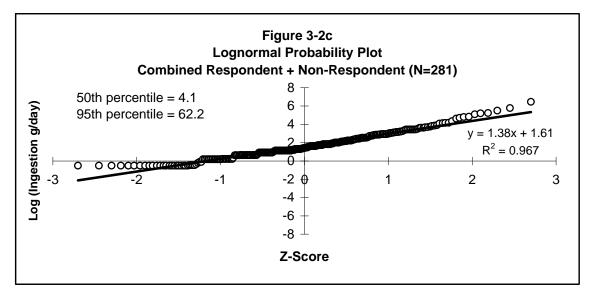
Figure 3-1
Diagram of Monte Carlo Simulation Process

\8708676\99ReporO\tables Gradient Corporation

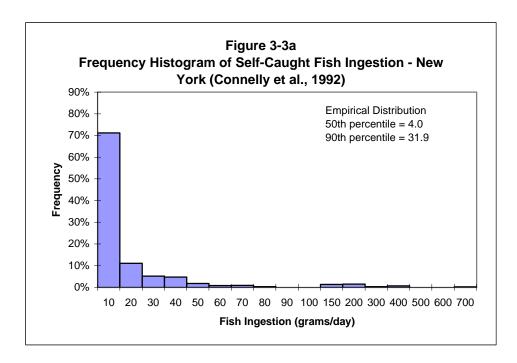
Calculate Angler
PCB Intake
(constants: Cooking
Loss, Averaging Time)

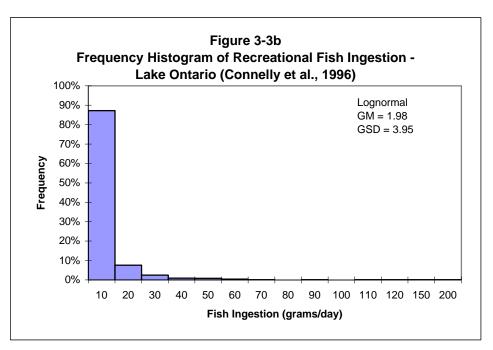


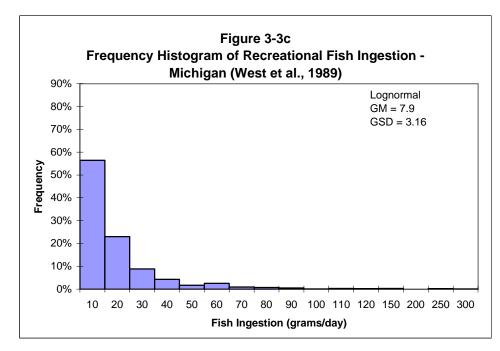


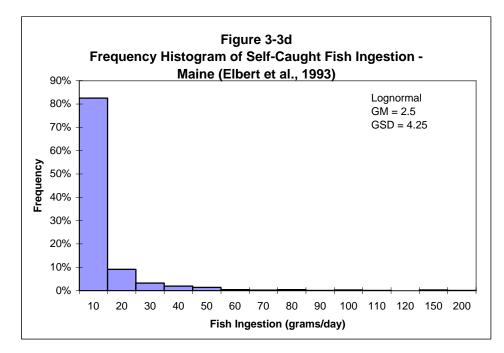


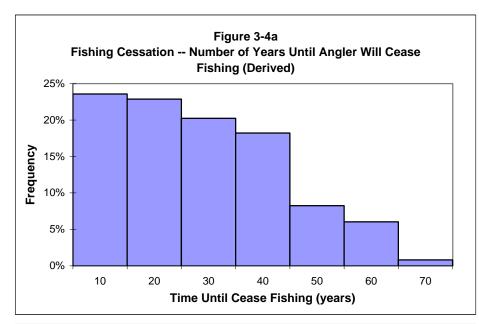
Source: 1991 NY Angler Survey (Connelly et al., 1992).

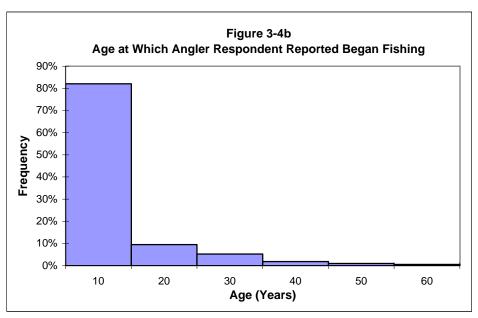


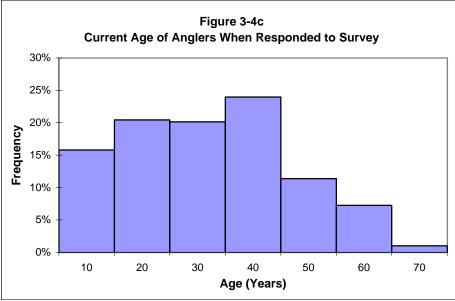


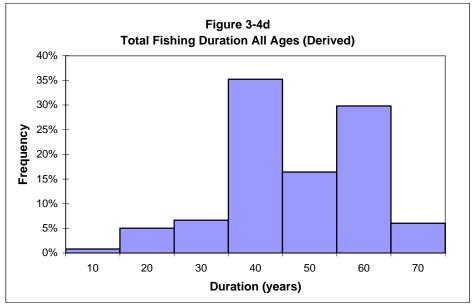




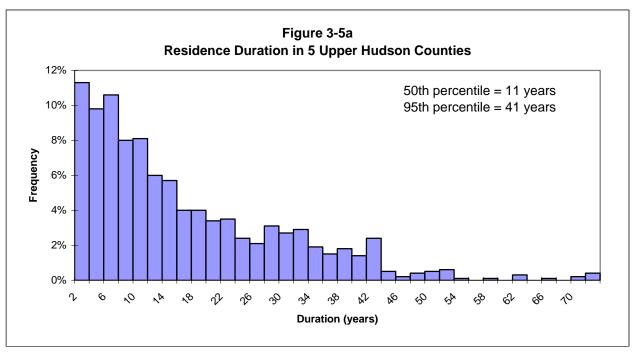








Source: Distributions based on 1991 NY Angler Survey (Connelly et. al., 1992).



Source: Derived using In-Migration data from 1990 Census (see text).

